



SERVICE INFORMATION LETTER

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US DOT SPECIAL PERMIT AND TRANSPORT CANADA PERMITS CHANGE HYDROSTATIC TEST INTERVAL FOR PN 897 SERIES CYLINDER AND VALVE ASSEMBLY

SUMMARY

US DOT Exemption E 8162 has been superseded by US DOT Special Permit SP 8162 dated May 11, 2007. US DOT-SP 8162 changes the hydrostatic test interval of affected cylinders as described herein when offered for transport or import in or to the United States. Transport Canada (TC) has issued a new Permit SU 9209 dated January 30, 2008. TC-SU 9209 changes the hydrostatic test interval of affected cylinders as described herein, when offered for transport or import in or to Canada.

1. PLANNING INFORMATION

A. Effectivity

(1) Concerned equipment

This Service Information Letter applies to the PN 897 Series Cylinder and Valve Assembly (CRA).

B. Reason

The purpose of this SIL is to inform operators of regulation changes that concern cylinders fitted on the above units.

C. Description

- (1) US DOT rule DOT-SP 8162 superseded US DOT rule DOT-E 8162. Rule DOT-SP 8162 applies to all units manufactured after September 30, 2007.
- (2) TC Permit SU 9209 applies to all affected units manufactured after February 5, 2007 with the mark TC-SU 9209 on the cylinder.
- (3) TC Permit SU 4237 applies to all affected units with the mark TC-SU 4237 on the cylinder.
- (4) The maximum life limit of the cylinder remains the same at 15 years if the cylinder passes all inspection criteria.
- (5) The hydrostatic test interval changes (Refer to Tables 1 & 2 below).

Table 1
Hydrostatic Test Interval (when offered for transport or import in or to the United States)

US DOT Cylinder Markings	Transport Canada Cylinder Marking	Last Retest	Next Retest Interval	Subsequent Retest Interval	Cylinder Life Limit
E 8162	SU 4237	Before July 1, 2006	3 years after last retest	5 years	15 years max.
		After July 1, 2006	5 years from last retest	5 years	15 years max.
SP 8162	SU 4237	After July 1, 2006	5 years from last retest	5 years	15 years max.
SP 8162	SU 9209	See 1.C.(2)	5 years from last retest	5 years	15 years max.



Table 2

Hydrostatic Test Interval (when offered for transport or import in or to Canada)

US DOT Cylinder Marking	Transport Canada Cylinder Marking	Next Retest Interval	Subsequent Retest Interval	Cylinder Life Limit
E 8162	SU 4237	3 years from last retest	3 years	15 years max.
SP 8162	SU 4237	3 years from last retest	3 years	15 years max.
SP 8162	SU 9209	5 years from last retest	5 years	15 years max.

D. References

(1) US DOT regulations

(a) DOT-E 8162 (Superseded by US DOT-SP 8162 dated May 11, 2007)

(b) US DOT-SP 8162

NOTE: For more information refer to the US Department of Transportation regulations under the US CFR.

(2) Transport Canada regulations

(a) TC Permit SU 4237

(b) TC Permit SU 9209

NOTE: For more information refer to Subsection 31(4) of the Transportation of Dangerous Goods Act, 1992, and Permit for Equivalent Level of Safety SU 4237 dated February 26, 2008 and Permit for Equivalent Level of Safety SU 9209 dated January 30, 2008.

E. Publications Affected

Component Maintenance Manual 35-21-93 PN 897 Series Cylinder and Valve Assembly

2. IMPACT ON MAINTAINABILITY

A. When subject to United States Department of Transportation Regulations

(1) Cylinders retested prior to July 1, 2006

(a) These cylinders must be inspected and hydrostatically tested within three (3) years of the retest date marked on the cylinder.

(b) AVOX Systems recommends that the regulator be overhauled every six (6) years.

(2) Cylinders retested after July 1, 2006

(a) These cylinders must be inspected and hydrostatically tested within five (5) years of the retest date on the cylinder.

(b) AVOX Systems recommends an overhaul of the regulator every five (5) years.

B. When subject to Transport Canada Dangerous Goods Regulations

(1) The mark TC-SU 4237 is on the cylinder

(a) These cylinders must be inspected and hydrostatically tested within three (3) years of the retest date marked on the cylinder.

(b) AVOX Systems recommends an overhaul of the regulator every six (6) years.

(2) The mark TC-SU 9209 is on the cylinder

(a) These cylinders must be inspected and hydrostatically tested within five (5) years of the retest date marked on the cylinder.

(b) AVOX Systems recommends an overhaul of the regulator every five (5) years.